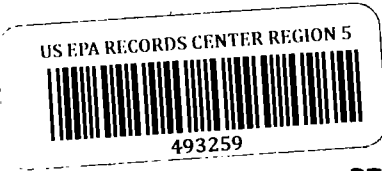


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THE ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
is accepting
PUBLIC COMMENTS
on the
LASALLE ELECTRICAL UTILITIES CORP.
SUPERFUND PCB ABATEMENT PROJECT
REMEDIATION INVESTIGATION/FEASIBILITY STUDY. (RI/FS)

NOTICE OF PUBLIC HEARING

The Illinois Environmental Protection Agency (IEPA) recently completed a study evaluating alternatives for correcting PCB contamination in LaSalle, Illinois at the Electrical Utilities Corporation plant site, 2427 St. Vincents Avenue. Before selecting a remedy, the IEPA invites public comment regarding the project both written and oral. The decision will include a summary of these comments including IEPA responses.

The study (RI/FS) evaluated options regarding disposition of on-site plant buildings.

1. Decontamination and cleaning of all buildings and structures.
2. Demolition of all buildings and structures and disposal in a hazardous waste landfill for materials unsuitable for incineration.

The study (RI/FS) evaluated options regarding contaminated soils management.

1. On-site landfill.
2. Off-site landfill.
3. RCRA multilayer cap-on site landfill.
4. Off-site incineration.
5. On-site incineration.

The study (RI/FS) evaluated options regarding disposition of contaminated groundwater.

1. Containment of groundwater and run-off.
2. Collection and off-site treatment.
3. Collection and on-site treatment.

The preferred alternative remedy selected is based on information collected to date by the IEPA. The preferred alternatives consist of: (#1) demolition of all buildings, structures, and foundations and disposal in a hazardous waste off-site landfill for materials unsuitable for incineration, (#2) excavation of contaminated soils and on-site incineration, and (#3) collection of contaminated groundwater and on-site treatment.

Copies of the study (RI/FS) and other site related documents are available for review at:

THE LASALLE CITY HALL BUILDING
OFFICE OF THE CITY CLERK
745 SECOND STREET LASALLE, ILLINOIS 61301

A Public Hearing on this matter will be held by IEPA's Division of Land Pollution Control on February 17, 1988, at 7:00 p.m., at the Howard Johnsons Motor Lodge, Rt 51 and Rt 80, LaSalle, Illinois 61301, at which time oral or written comments may be made or submitted.

The Hearing will be held under the provisions of the IEPA's "Procedures for Informational and Quasi-Legislative Public hearings" (35 Ill. Adm. Code 164), copies of these rules can be obtained from the Agency Hearing Officer (see below) upon request.

All written comments on the proposed alternatives should be postmarked on or before midnight February 19, 1988, when the Hearing Record will close, and should be mailed to:

John Williams
Agency Hearing Officer
Illinois Environmental Protection Agency
P. O. Box 19276
Springfield, Illinois 62794-9276
Phone (217) 782-5544

Questions on the project may be answered by:

Robert Rosen
Community Relations Coordinator
Office of Government and Community Affairs
Illinois Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706
217/782-5562



WHAT ARE THE PROPOSED ALTERNATIVES?

PROPOSED ALTERNATIVE #1 (Building & Structure Management.)

Decontamination and Cleaning of Buildings & Structures. This alternative includes decontamination, cleaning and disposal of contaminated materials in, on or a part of the buildings and structures on the Electrical Utilities Company Site.

PROPOSED ALTERNATIVE #2 (Building & Structure Management.)

Demolition and Disposal of Buildings & Structures. The buildings and structures, including floors and foundations will be demolished and any materials or rubble will be treated as PCB-contaminated waste. All suitable demolition rubble will be incinerated or landfilled in a hazardous waste landfill.

PROPOSED ALTERNATIVE #1 (Soil Management.)

Off-site Landfill. This alternative will involve excavation of the soil and shipment of all contaminated solids (including soil and vegetation) to a hazardous waste landfill. Following removal of the soil, the Electrical Utilities Company (EUC) source area will be returned to its original elevation and grade with clean soil, which will be relandscaped.

Since the contaminated material will be removed from the EUC source area; no environmental monitoring, security, or operation and maintenance procedures will be required after excavation is completed. The area will be returned to its original state, with no restrictions or subsequent use.

Estimated Cost \$31,900,000.

PROPOSED ALTERNATIVE #2 (Soil Management.)

On-Site Landfill. The on-site landfill alternative will involve excavation of the PCB-contaminated soil and construction of a approved landfill on the western portion of the EUC property to provide long-term containment for the waste material. Following removal of the soil, the EUC source area will be returned to its original elevation and grade with the clean soil which will be relandscaped.

The landfill will require monitoring, security, and operation and maintenance procedures. Restrictions on future use of the site will also be necessary.

Estimated Cost \$5,590,000.



ELECTRICAL UTILITIES COMPANY
LA SALLE, ILLINOIS

Fact Sheet #3

PROPOSED ALTERNATIVES FOR ON-SITE CONTAMINATION

BACKGROUND

LaSalle Electrical Utilities Company located at 2427 St. Vincents Avenue on the northeast side of the City of LaSalle, manufactured and repaired electrical capacitors and transformers from 1939 to 1981.

This facility used oils containing polychlorinated biphenyls (PCBs) as a dielectric additive in their manufacturing process. These oils were spread on the plant site for dust control and in some areas the contaminated oil leaked or was spilled upon the ground.

WHAT IS THE PROBLEM?

The PCBs have contaminated the soils, buildings, and groundwater at the plant site and have migrated off-site to contaminate properties adjacent to the site and along St. Vincents Avenue and Joliet Street to the south.

WHAT ACTION WILL BE TAKEN OFF-SITE?

A remedy to remove the off-site contamination has already been selected and work on that area is expected to begin in the Spring of 1988. This action off-site, does not address the contamination at the plant site property.

WHAT ACTION WILL BE TAKEN ON-SITE?

The plant site property and buildings are the focus of the remedial investigation prepared by Black and Veatch Engineers Incorporated. In this report, two proposed alternatives are identified for management of contaminated buildings, structures and foundations, five proposed alternatives are identified for management of PCB-contaminated soils and three proposed alternatives are identified for management of PCB-contaminated groundwater on the plant site property.

HOW WILL THE PROPOSED ALTERNATIVE BE SELECTED?

Each proposed alternative is summarized in this fact sheet and a public hearing will be held to discuss these alternatives. Written comments about the proposed alternatives must be submitted to the IEPA on or before February 19, 1988. Following the comment period the IEPA, in consultation with the USEPA will select a proposed alternative to be implemented.



PROPOSED ALTERNATIVE #3 (Soil Management.)

Multilayer Cap. This alternative will involve the construction of a multilayer cap over the EUC source area. It will provide containment of the PCB-contaminated soils on the site. The cap will be designed to significantly reduce the amount of rain and snowfall that will enter and move through the contaminated soil, and will also prevent windblown migration of PCBs from the site. The cap will require periodic inspections, maintenance and mowing.

As in the previous on-site alternative the site will require monitoring, security, and operation and maintenance procedures. Restrictions on future use of the site will also be necessary.

Estimated Cost \$7,720,000.

PROPOSED ALTERNATIVE #4 (Soil Management.)

Off-site Incineration. In terms of management of the contaminated soils in the site area, this alternative closely resembles the off-site landfill alternative. The contaminated soil will be excavated and shipped with other contaminated combustibles to a USEPA-approved commercial incineration facility, where the PCBs will be decomposed through thermal treatment. The incineration facility will provide for disposal of the decontaminated residue. Any contaminated solids that cannot be incinerated will be disposed of at a USEPA-approved landfill. Since the contaminated material will be removed from the EUC source area, no environmental monitoring, security, or operation and maintenance procedures will be required after excavation is completed. The area will be returned to its original state, with no restrictions or subsequent use.

Estimated Cost \$164,000,000.

PROPOSED ALTERNATIVE #5 (Soil Management.)

On-site Incineration. The on-site incineration alternative will involve excavation of the PCB-contaminated soil and use of a mobile incinerator at the site to thermally treat contaminated soil and vegetation. Exhaust gases will be further incinerated and scrubbed before release. Following analysis, decontaminated soil residue may be disposed of at a sanitary landfill or used as backfill. Contaminated solids that cannot be incinerated will be transported to an approved off-site PCB chemical waste landfill. Management of the EUC source area following removal of the soil will be the same as for the preceding alternative.

Estimated Cost \$34,700,000.



PROPOSED ALTERNATIVE #1 (Groundwater Management.)

Containment. This alternative includes construction of a multilayer cap and installation of a slurry wall to contain the contaminated groundwater, construction of a subsurface drain inside the slurry wall to collect water that may build up due to seepage through the cap and slurry wall, and groundwater monitoring to evaluate the effectiveness of the containment system.

Estimated Cost \$8,750,000.

PROPOSED ALTERNATIVE #2 (Groundwater Management.)

Collection and Off-site Treatment. The collection and off-site treatment alternative includes construction of a subsurface drain, collection of contaminated groundwater via the subsurface drain and a sump and pump, pretreatment for PCBs, transport, treatment of the collected water at an off-site facility, and groundwater monitoring.

Estimated Cost \$4,370,000.

PROPOSED ALTERNATIVE #3 (Groundwater Management.)

Collection and On-Site Treatment. This alternative will consist of subsurface drains including a sump and pump for groundwater collection, pretreatment and filtration, air stripping, and discharge of treated water to the wastewater treatment plant via sanitary sewers and groundwater monitoring. The operation of the collection and treatment system will be automatic with the exception of routine operation and maintenance activities.

Estimated Cost \$3,070,000.

WHAT MANAGEMENT ALTERNATIVES ARE PREFERRED BY THE IEPA?

Building and Structure Management Alternative

Based on the age and condition of the structures, the high concentrations of PCBs found in numerous locations within the structures and the unproven long-term effectiveness and high cost of the decontamination technologies, it has been assumed for the purpose of this feasibility study that the buildings will be demolished and all existing process piping, boilers, machinery, and storage tanks will be dismantled and treated as PCB-contaminated material.



Soil Management Alternative

The on-site incineration (soil management) proposal will minimize the risks associated with exposure and will permanently destroy the contaminants in the soil.

Utilizing the on-site incineration option will greatly minimize the risk of transportation of contaminants and the lengthy and costly process of incineration at the commercial off-site facility, due to increased packing costs, transportation mileage costs, and the reluctance of an off-site incinerator facility to allocate a two year, 24 hour per day burning schedule to a single customer.

Groundwater Management Alternative

The collection and on-site treatment (groundwater management) proposal will reduce risks of exposure by collecting contaminated groundwater and preventing further migration of the contamination within the silty sand seam in the ground below the surface at the site to areas surrounding the EUC site.

HOW CAN I COMMENT ON THE SELECTION OF A PROPOSED MANAGEMENT ALTERNATIVE?

The IEPA encourages participation by local residents in the proposal selection process. Written comments must be received no later than February 19, 1988 and should be addressed to the IEPA OFFICE OF GOVERNMENT AND COMMUNITY AFFAIRS - 2200 Churchill Road - Springfield, Illinois 62706, Attention: Robert Rosen.

A hearing will be held on February 17, 1988 at 7:00 P.M. at Howard Johnson's Motor Lodge (Rt. 51) and (I-80) LaSalle, Illinois. Testimony may be given by concerned parties regarding the proposed alternatives summarized in this fact sheet and a response to all questions and concerns will be prepared and made available to interested parties.

Copies of documents concerning this project are available for inspection at the City Clerk's Office in the LaSalle City Hall Building in LaSalle.

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